

Abstract

An A/D converter includes a calibration apparatus handling occurrences of thermometer code bubbles in an A/D sub-converter in at least one A/D  
5 converter stage. The calibration apparatus includes means (30) for detecting two A/D  
sub-converter comparators causing a bubble, means (32, 34, 36) for increasing the  
threshold of the bubble causing comparator having the lowest threshold by a first  
predetermined voltage and means (32, 34, 36) for decreasing the threshold of the  
bubble causing comparator having the highest threshold by a second predetermined  
10 voltage.